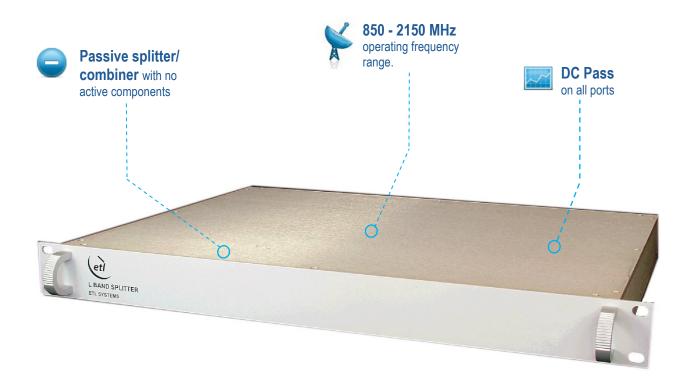


Model Number: D0108S1ULP-xxxx

8-way Single L-band Passive Splitter/Combiner

Typical applications:

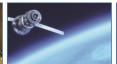
- Satellite operators, VSAT teleports & broadcasters.
- Compact form factor provides a space saving solution.





















Model Number: D0108S1ULP-xxxx

8-way Single L-band Passive Splitter/Combiner

Technical specifications and operating parameters

PRELIMINARY

RF Parameters						
Capacity		8-way Splitter				
Frequency Range		850-2150 MHz (L-band)				
RF Connectors		50Ω SMA	50Ω N-type	50Ω BNC	75Ω BNC	75Ω F-type
Insertion Loss		10.5 ± 1.0 dB		Mean across band		
Gain Flatness	Full Band	± 1.0 dB	± 1.0 dB	± 1.0 dB	± 1.2 dB	± 1.2 dB
	Any 36 MHz	± 0.25 dB	±0.25 dB	±0.25 dB	±0.50 dB	± 0.50 dB
Input Return Loss	Typical	16 dB	16 dB	16 dB	14 dB	14 dB
	Minimum	14 dB	13 dB	12 dB	8 dB	8 dB
Output Return Loss	Typical	21 dB	21 dB	21 dB	16 dB	16 dB
	Minimum	16 dB	16 dB	14 dB	10 dB	10 dB
Group Delay Variation	Full Band	6 ns maximum				
	Any 36 MHz	1 ns maximum				
Isolation		22 dB		Minimum, between any two output ports.		

Environmental				
Operating temperature	0 to 50°C			
Location	Indoor use only			
Storage temperature	-20°C to +75°C			
Humidity	85% non-condensing			
Altitude	10,000 feet AMSL			

Power		
LNB Power	None	
PSU	None	

Physical		
Dimensions	1U high x 350mm deep x 19" wide	
Weight	5 kg	
Colour	White 00-E-55 semi-gloss	

Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy. Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.







